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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/801,988

DATE: 09/28/2004

TIME: 10:00:16

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Output Set: N:\CRF4\09282004\J801988.raw

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3 <110> APPLICANT: GEORGES, ELIAS
4   SERFASS, LUCILE
5   BONNEAU, ANNE-MARIE
6   DALLAIRE, FREDERIC
8 <120> TITLE OF INVENTION: TRIOSEPHOSPHATE ISOMERASE DIRECTED DIAGNOSTICS AND
9   THERAPEUTICS FOR MULTIDRUG RESISTANT NEOPLASTIC DISEASE
11 <130> FILE REFERENCE: 112418.151
13 <140> CURRENT APPLICATION NUMBER: 10/801,988
14 <141> CURRENT FILING DATE: 2004-03-15
16 <150> PRIOR APPLICATION NUMBER: 60/455,005
17 <151> PRIOR FILING DATE: 2003-03-14
19 <160> NUMBER OF SEQ ID NOS: 13
21 <170> SOFTWARE: PatentIn Ver. 3.2
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 249
25 <212> TYPE: PRT
26 <213> ORGANISM: Homo sapiens
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30   1             5             10             15
32 Gly Arg Lys Gln Ser Leu Gly Glu Leu Ile Gly Thr Leu Asn Ala Ala
33   20             25             30
35 Lys Val Pro Ala Asp Thr Glu Val Val Cys Ala Pro Pro Thr Ala Tyr
36   35             40             45
38 Ile Asp Phe Ala Arg Gln Lys Leu Asp Pro Lys Ile Ala Val Ala Ala
39   50             55             60
41 Gln Asn Cys Tyr Lys Val Thr Asn Gly Ala Phe Thr Gly Glu Ile Ser
42   65             70             75             80
44 Pro Gly Met Ile Lys Asp Cys Gly Ala Thr Trp Val Val Leu Gly His
45   85             90             95
47 Ser Glu Arg Arg His Val Phe Gly Glu Ser Asp Glu Leu Ile Gly Gln
48   100            105            110
50 Lys Val Ala His Ala Leu Ala Glu Gly Leu Gly Val Ile Ala Cys Ile
51   115            120            125
53 Gly Glu Lys Leu Asp Glu Arg Glu Ala Gly Ile Thr Glu Lys Val Val
54   130            135            140
56 Phe Glu Gln Thr Lys Val Ile Ala Asp Asn Val Lys Asp Trp Ser Lys
57   145            150            155            160
59 Val Val Leu Ala Tyr Glu Pro Val Trp Ala Ile Gly Thr Gly Lys Thr
60   165            170            175
62 Ala Thr Pro Gln Ala Gln Glu Val His Glu Lys Leu Arg Gly Trp
63   180            185            190
65 Leu Lys Ser Asn Val Ser Asp Ala Val Ala Gln Ser Thr Arg Ile Ile

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66          195          200          205
68 Tyr Gly Gly Ser Val Thr Gly Ala Thr Cys Lys Glu Leu Ala Ser Gln
69      210          215          220
71 Pro Asp Val Asp Gly Phe Leu Val Gly Gly Ala Ser Leu Lys Pro Glu
72 225          230          235          240
74 Phe Val Asp Ile Ile Asn Ala Lys Gln
75      245
78 <210> SEQ ID NO: 2
79 <211> LENGTH: 750
80 <212> TYPE: DNA
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85 agtctggggg agctcatcgg cactctgaac gcggccaagg tgccggccga caccgaggtg 120
86 gtttgtgctc cccctactgc ctatatcgac ttcgcccggc agaagctaga tcccaagatt 180
87 gctgtggctg cgcagaactg ctacaaagtg actaatgggg cttttactgg ggagatcagc 240
88 cctggcatga tcaaagactg cggagccacg tgggtggtcc tggggcactc agagagaagg 300
89 catgtctttg gggagtcaga tgagctgatt gggcagaaag tggcccatgc tctggcagag 360
90 ggactcggag taatcgctg cattggggag aagctagatg aaagggaagc tggcatcact 420
91 gagaaggttg ttttcgagca gacaaaggtc atcgagata acgtgaagga ctggagcaag 480
92 gtcgtcctgg cctatgagcc tgtgtgggcc attggtactg gcaagactgc aacaccccaa 540
93 caggcccagg aagtacacga gaagctccga ggatggctga agtccaacgt ctctgatgcg 600
94 gtggctcaga gcacccgtat catttatgga ggctctgtga ctggggcaac ctgcaaggag 660
95 ctggccagcc agcctgatgt ggatggcttc cttgtgggtg gtgcttcctt caagcccgaa 720
96 ttcgtggaca tcatcaatgc caacaatga          750
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106 1          5
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111 <212> TYPE: PRT
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121 <212> TYPE: PRT
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124 <400> SEQUENCE: 5
125 His Val Phe Gly Glu Ser Asp Glu Leu Ile Gly Gln Lys
126 1          5          10
129 <210> SEQ ID NO: 6
130 <211> LENGTH: 15
131 <212> TYPE: PRT

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132 <213> ORGANISM: Homo sapiens
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146   1           5           10
149 <210> SEQ ID NO: 8
150 <211> LENGTH: 15
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160 <211> LENGTH: 18
161 <212> TYPE: PRT
162 <213> ORGANISM: Homo sapiens
164 <400> SEQUENCE: 9
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168 Glu Lys
172 <210> SEQ ID NO: 10
173 <211> LENGTH: 20
174 <212> TYPE: PRT
175 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 10
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181 Asp Phe Ala Arg
182           20
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186 <211> LENGTH: 4
187 <212> TYPE: PRT
188 <213> ORGANISM: Artificial Sequence
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191 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
192     linker
194 <220> FEATURE:
195 <223> OTHER INFORMATION: c-term Dau
197 <400> SEQUENCE: 11
198 Ala Leu Ala Leu
199   1
202 <210> SEQ ID NO: 12
203 <211> LENGTH: 4

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204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
209 linker
211 <220> FEATURE:
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214 <400> SEQUENCE: 12
215 Gly Phe Leu Gly
216 1
219 <210> SEQ ID NO: 13
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222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
226 linker
228 <400> SEQUENCE: 13
229 Leu Ala Leu Ala
230 1

VERIFICATION SUMMARY

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